

## Product Information



### **SAE 15W-40 CNG Engine Oil**

*Meets or Exceeds all API and OEM Specifications  
Designed for use in CNG or LNG fueled engines  
Cummins and Detroit Diesel Approved*

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#### DESCRIPTION

**Xtreme™ SAE 15W-40 CNG Engine Oil** is formulated using state-of-the-art additive technology and industry recognized premium base oils to provide an exceptional protection against oxidation, nitration, wear and deposits in mobile engines fueled with compressed or liquid natural gas.

**Xtreme™ SAE 15W-40 CNG Engine Oil** is approved and tested in North American and European mobile engines fueled with CNG/LNG. This global high performance engine oil is designed for long drain intervals.

**Xtreme™ SAE 15W-40 CNG Engine Oil** offers significant improvements in deposit control, ability to stay in grade over long periods, resistance to high temperature oxidation and engine wear protection. It is recommended for lubrication of engines fuelled by CNG/LPG under wide range of loads and driving conditions for on-highway vehicles like autos, taxis and passenger cars.

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#### APPLICATION

- Over-the-road fleets including fleets with latest CNG and LNG engines
- Municipal city transit service and school district bus fleets
- Transit taxis, airport and intercity shuttles
- Refuse trucks, street sweepers and taxi services
- Recommended for Detroit Diesel 50G and 60G series engines
- Suitable for use in earlier model 4 stroke Detroit Diesel engines that require API CF-2 service levels

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#### BENEFITS

- Excellent performance against oxidation, nitration and bearing corrosion
- Extended drain capability
- Engine testing showing no sludge formation and no visible wear on bearings, cylinders and valvetrain
- Improved valve train wear protection for sliding followers
- Optimized alkalinity (TBN) for use in “dry engines”

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#### LICENSE AND APPROVALS

Cummins	CES 20074
Detroit Diesel	DFS 93K216
Volvo	Additive technology approval
Mercedes Benz	Additive technology approval

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#### PERFORMANCE LEVELS

API Diesel	CF-4 , CF (obsolete)
ACEA	C-2
MAN	Additive approval pending



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TYPICAL PROPERTIES	METHOD	CNG 15W-40
API Gravity	D-4052	31.9
Specific Gravity	D-1298	0.8660
Viscosity, cSt @ 40°C	D-445	84.5
Viscosity, cSt @ 100°C	D-445	13.0
Viscosity Index	D-2270	154
MRV-TP1 Pumping Viscosity	D-2983	10,000
Cold Crank Simulation	D-5293	2,613
Ash, % Sulphated	D-874	< 1.0
TBN	D-2896	13.3
Flash Point, COC °C (°F)	D-92	233 (451)
Pour Point °C (°F)	D-97	-36 (-33)
NOACK Volatility, %	D-5800	9.1
ML Bulk Number		500805

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The information on this Product Data Sheet is believed to be accurate and is typical of current production. Specifications are subject to change without notice. For additional qualifications, please contact Martin Technical Service Department.

This engine oil's service level is in accordance with the latest version of SAE J300 Engine Oil Viscosity Classification and SAE J183 Engine Oil Performance and Engine Service Classification.

**Health And Safety Information:** See separate Safety Data Sheets available on request.

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